



FortiSwitch

Product Offerings

	RETAIL	BRANCH		MEDIUM CAMPUS			LARGE CAMPUS		RUGGED ENVIRONMENT
	108F	124E 148E	224E 248D	124F 148F	424E 448E M426E	1024E 1048E T1024E	524D 548D	3032E	
Size, Scale, and Type	Single Tier Templated	Single or Multi-Tier Templated	Single or Multi-Tier Templated	Single Location Multi-Tier	Single Location Multi-Tier	Single Location Multi-Tier	Single Location Multi-Tier	Single Location Multi-Tier	OT Rugged Environment
Number of Switches	1-3	10s	10s	Low 100s	Low 100s	Low 100s	100s+	100s+	Any
Multitier		Larger branches	Larger branches	✓	✓	✓	✓	✓	Larger branches
10G Access Ports						✓		✓	
Multigig Ports for Access Points					✓				
Uplink Speed	1G (SFP)	1G (SF)	1G (SFP)	10G (SFP+)	10G (SFP+)	100G (QSFP28)	10G (SFP+) 40G (QSFP)		1G SFP
Downlink Speed	1G (RJ45)	1G (RJ45)	1G (RJ45)	1G (RJ45)	1G (RJ45) 1G (SFP)	10G (SFP+)	1G (RJ45)	100G (QSFP28)	1G (RJ45) 1G (SFP)
Power Supply			Internal Redundant or RPS		Internal Redundant	Redundant Hot-Swappable	Redundant Hot-Swappable	Redundant Hot-Swappable	Redundant DC Input
Features									
Access Security	✓	✓	✓	✓	✓	✓	✓	✓	✓
FortiLink Support	✓	✓	✓	✓	✓	✓	✓	✓	✓
Netflow			✓		✓	✓	✓	✓	
MCLAG			✓		✓	✓	✓	✓	
L3 Routing			✓		✓	✓	✓	✓	
Additional Services									
24x7 Support	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cloud-managed	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on

ORDER INFORMATION

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FortiGate-managed									
Non-PoE									
8 port	FS-108F FC-10-F108N- 247-02-DD								
24 port		FS-124E FC-10-WP12E- 247-02-DD	FS-224E FC-10-W0300- 247-02-DD	FS-124F FC-10-S124N- 247-02-DD	FS-424E FC-10-S424E- 247-02-DD	FS-1024E FC-10-S1E24- 247-02-DD	FS-524D FC-10-W0524- 247-02-DD		
24 port 1G/2.5G/5G/10G copper						FS-T1024E FC-10-T1E24- 247-02-DD			
32 port								FS-3032E FC-10-S3E32- 247-02-DD	
		FS-148E FC-10-S148E- 247-02-DD		FS-148F FC-10-148FN- 247-02-DD			FS-548D FC-10-W0548- 247-02-DD		
48 port			FS-248D FC-10-W248D- 247-02-DD		FS-448E FC-10-S448N- 247-02-DD				
						FS-1048E FC-10-1E48F- 247-02-DD			
1G Fiber 24 port					FS-424E-FIBER FC-10-S424I- 247-02-DD				
PoE									
4/8 port	FS-108F-POE FC-10-F108P- 247-02-DD								
8/8 port	FS-108F-FPOE FC-10-F108F- 247-02-DD								FSR-112D-POE FC-10-W112D- 247-02-DD
12/24 port		FS-124E-POE FC-10-S248P- 247-02-DD		FS-124F-POE FC-10-S124P- 247-02-DD	FS-424E-POE FC-10-S424P- 247-02-DD				
24/24 port		FS-124E-FPOE FC-10-S12FP- 247-02-DD	FS-224D-FPOE FC-10-W0226- 247-02-DD	FS-124F-FPOE FC-10-S124F- 247-02-DD	FS-424E-FPOE FC-10-S424F- 247-02-DD FS-M426E- FPOE FC-10-M426E- 247-02-DD		FS-524D-FPOE FC-10-W0505- 247-02-DD		
24/48 port		FS-148E-POE FC-10-S148P- 247-02-DD	FS-248E-POE FC-10-WP248- 247-02-DD	FS-148F-POE FC-10-148FP- 247-02-DD	FS-448E-POE FC-10-S448P- 247-02-DD				
48/48 port			FS-248E-FPOE FC-10-W248E- 247-02-DD		FS-448E-FPOE FC-10-S448F- 247-02-DD		FS-548D-FPOE FC-10-W0501- 247-02-DD		
Add-on Licenses									
Advanced Switching License*		FS-SW-LIC-200 (not available with FS-148E or FS-148E-POE)			FS-SW-LIC-400 (only available with FS-4XX)	FS-SW-LIC-1000	FS-SW-LIC-500	FS-SW-LIC-3000	
Cloud Management License**	FC-10-FSW00-628-02-DD	FC-10-FSW00-628-02-DD	FC-10-FSW10-628-02-DD	FC-10-FSW00-628-02-DD	FC-10-FSW10-628-02-DD	FC-10-FSW30-628-02-DD	FC-10-FSW20-628-02-DD	FC-10-FSW30-628-02-DD	FC-10-FSW10-628-02-DD



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	108F	124E 148E	224E 248D	124F 148F	424E 448E M426E	1024E 1048E T1024E	524D 548D	3032E	
SFP Transceivers									
1Gbps, 220m	FN-TRAN-SX	FN-TRAN-SX	FN-TRAN-SX	FN-TRAN-SX	FN-TRAN-SX	FN-TRAN-SX			FN-TRAN-SX
1Gbps, 10km Advanced	FN-TRAN-LX	FN-TRAN-LX	FN-TRAN-LX	FN-TRAN-LX	FN-TRAN-LX	FN-TRAN-LX			FN-TRAN-LX
1000Base-T(RJ45), 100m	FS-TRAN-GC	FS-TRAN-GC	FS-TRAN-GC	FS-TRAN-GC	FS-TRAN-GC	FS-TRAN-GC			FS-TRAN-GC
10Gbps, 300m				FN-TRAN-SFP+SR	FN-TRAN-SFP+SR	FN-TRAN-SFP+SR	FN-TRAN-SFP+SR	FN-TRAN-SFP+SR	FR-TRAN-ZX
10Gbps, 10km				FN-TRAN-SFP+LR	FN-TRAN-SFP+LR	FN-TRAN-SFP+LR	FN-TRAN-SFP+LR	FN-TRAN-SFP+LR	
10Gbps, 30km				FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***	FN-TRAN-SFP-BD27 FN-TRAN-SFP-BD33***		
10Gbps, 80km				FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR	FN-TRAN-SFP+ZR	
40Gbps, 150m(OM4)							FN-TRAN-QSFP+SR	FN-TRAN-QSFP+SR	
40Gbps, 10km							FN-TRAN-QSFP+LR	FN-TRAN-QSFP+LR	
40Gbps, 40km						FN-TRAN-QSFP+ER	FN-TRAN-QSFP+ER	FN-TRAN-QSFP+ER	
100Gbps, 100m						FN-TRAN-QSFP28-SR FN-TRAN-QSFP28-BIDI		FN-TRAN-QSFP28-SR FN-TRAN-QSFP28-BIDI	
100Gbps, 500m						FN-TRAN-QSFP28-DR		FN-TRAN-QSFP28-DR	
100Gbps, 10km						FN-TRAN-QSFP28-LR		FN-TRAN-QSFP28-LR	
100Gbps, 20km						FN-TRAN-QSFP28-ER		FN-TRAN-QSFP28-ER	

* The Advanced Switching license enables dynamic routing protocols in standalone mode and does not apply in FortiLink mode.

** Includes FortiCare only when FortiLAN Cloud is managing the unit.

*** FN-TRAN-SFP-BD27 and FN-TRAN-SFP-BD33 must be connected to each other.

This document is a guide to assist in common scenarios. Refer to the datasheet for detailed specifications.

POWER SUPPLY OPTIONS	
AC redundant power supply for FS-548D and FS-524D	FS-PSU-150
AC spare power supply for FS-1024D/1048E	FS-PSU-460
AC additional POE power capacity power supply for FS-524D-FPOE	FS-PSU-600
AC spare power supply for FS-3032E	FS-PSU-800
AC additional POE power capacity power supply for FS-548D-FPOE	FS-PSU-920
Redundant AC power supply for up to 2 units: FS-124D-POE, FS-224D-FPOE, FS-224E-POE, FS-248D-FPOE, FS-248E-POE, FS-248E-FPOE and 424D-FPOE, 448D-POE, 424D-POE	FRPS-740-FS
TRAINING SERVICES	
NSE 6 FortiSwitch Instructor-led Training	FT-FSW
NSE 6 FortiSwitch Exam Voucher	NSE-EX-SPL6



NSE TRAINING AND CERTIFICATION

Fortinet NSE 6: FortiSwitch

Instructor-led learning to deploy, provision, and manage FortiSwitch with FortiGate using FortiLink:

- FT-FSW - NSE6/FSW Training - 3 days

Certification Exams

NSE6 Network Security Architect:

- NSE-EX-SPL6

Prerequisites

- Basic knowledge in networking and switching
- Understanding of the topics covered in the following courses:
- NSE4 - FortiGate security
- NSE4 - FortiGate infrastructure

References

https://training.fortinet.com/local/staticpage/view.php?page=library_fortiswitch



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